

U.S. Patent Application Serial No. 10/092,733  
Amendment Under 37 C.F.R. §1.111 dated September 4, 2003  
Reply to the Office Action dated June 4, 2003

### **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims**

Claim 1 (Currently Amended): A system for managing dynamic situations of wastes and waste transporting vehicles using barcodes, the system comprising:

means for reading a barcode on a manifest slip;

means for reading a barcode on a waste container;

means for measuring a position of each of the waste transporting vehicles; and

means for monitoring a transport route of each vehicle based on the measured position,

wherein when the measuring means measures the position of the waste transporting vehicle,  
the monitoring means monitors the transport route of the vehicle based on the measured position,  
thereby managing the transport route of the vehicle and arrival to a disposal site in real time in a  
centralized manner,

wherein when the waste transporting vehicle receives the waste container, the barcodes on  
the manifest slip and waste are scanned in and the waste container is delivered to an intermediate  
treatment site,

wherein the barcode on the container is scanned in when the waste container arrives at the  
intermediate treatment site,

and wherein the barcode on the container is scanned in when the waste in the waste container  
is treated prior to delivery to the disposal site.

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Claim 2 (Currently Amended): ~~A~~ The system for managing dynamic situations of wastes and waste transporting vehicles using barcodes according to ~~Claim~~ claim 1, further comprising means for monitoring a vehicle transporting wastes to a disposal site, whereby arrival of the waste transporting vehicle to the final disposal site is monitored.

Claim 3 (Currently Amended): ~~A~~ The system for managing dynamic situations of wastes and waste transporting vehicles using barcodes according to ~~Claim~~ claim 1, further comprising means for monitoring a vehicle transporting wastes to a disposal site, the monitoring means comprising an ID tag attached to the waste transporting vehicle and an ID tag reader provided in an access passage to the disposal site, whereby arrival of the waste transporting vehicle to the final disposal site is monitored.

Claim 4 (Currently Amended): ~~A~~ The system for managing dynamic situations of wastes and waste transporting vehicles using barcodes according to ~~Claim~~ claim 1, further comprising means for monitoring a vehicle transporting wastes to a disposal site, the monitoring means comprising an ID tag attached to the waste transporting vehicle, an ID tag reader provided in an access passage to the disposal site, and an opening/closing gate opened and closed in accordance with a result of reading the ID tag, whereby arrival of the waste transporting vehicle to the final disposal site is monitored.